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KEN REYNOLDS—PRESIDENT
ARNIE NEWKIRK—VICE-PRESIDENT

DRILLING CO., INC. — OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070
ROSWELL, NM
505/746-2719
ARTESIA, NM

February 06, 1989

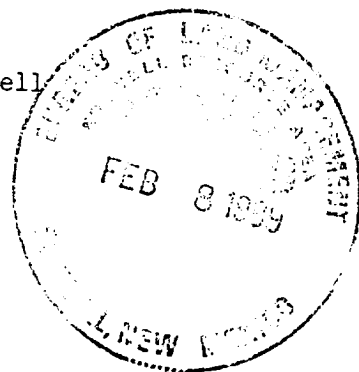
Fred Pool Drilling Company
604 N. Richardson
Roswell, N.M. 88201

REF: Lusk Federal #1

Gentlemen:

The following is a Deviation Survey on the above referenced well located in Lea County, New Mexico.

496' - 1/4°
855' - 1/2°
1321' - 1/4°
1821' - 1/4°
2316' - 1/4°
2820' - 1° TD.



Sincerely,

Arnold Newkirk

Arnold Newkirk
Vice-President

STATE OF NEW MEXICO)

COUNTY OF CHAVES)

The foregoing was acknowledged before me this 06th day of February 1989 by Arnold Newkirk.

MY COMMISSION EXPIRES

October 07, 1992

Linda Reynolds
NOTARY PUBLIC